

DEC 19 '01 04:48PM

P.2

EXPRESS MAIL NO. EV020664344US

Docket No. 01-RB-075 (850063.587)

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As the below-named inventors, we hereby declare that:

Our residences, post office addresses, and citizenships are as stated below under our names.

We believe we are the original, first, and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled

**HEATING ELEMENT FOR MICROFLUIDIC AND MICROMECHANICAL APPLICATIONS**

which is described and claimed in the foregoing specification and for which a patent is sought.

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to herein (if any).

We acknowledge the duty to disclose to the United States Patent and Trademark Office all information of which we are aware is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

We further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**POWER OF ATTORNEY:** As the named inventors, We hereby appoint the following attorneys and agent with full power of substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

David V. Carlson, Reg. No. 31,153; Michael J. Donohue, Reg. No. 35,859; Robert Iannucci, Reg. No. 33,514; E. Russell Tarleton, Reg. No. 31,800; Kevin S. Costanza, Reg. No. 37,801; Susan D. Betcher, Reg. No. 43,498; Brian L. Johnson, Reg. No. 40,033; George C. Rondeau, Jr., Reg. No. 28,893; Brian G. Bodine, Reg. No. 40,520; Timothy L. Boller, Reg. No. 47,435; Frank Abramonte, Reg. No. 38,066; Dale R. Cook, Reg. No. 42,434; and Katherine J. Drakos, Reg. No. 48,559, and Lisa K. Jorgenson, Reg. No. 34,845; Robert D. McCutcheon, Reg. No. 38,717; Mario Donato, Reg. No. 37,816 and Nainesh Shah, Reg. No. 40,166.

Please send all correspondence to:

Lisa K. Jorgenson  
Registration No. 34,845  
STMicroelectronics, Inc.  
1310 Electronics Drive  
Carrollton, Texas 75006  
(972) 466-7414

Inventor's Signature: \_\_\_\_\_



Full Name of Sole Inventor: Gaetano Santoruvo

Date of Signature \_\_\_\_\_

12/19/01

Residence and Post Office Address: 11911 Calle Vivienda  
San Diego, California 92128  
County: San Diego

Citizenship: Italian

10095312004

P.3

*Stefano Lo Priore*  
Stefano Lo Priore,

Stefano Lo Priore

12/19/07

Residence and Post Office Address: 1399 9<sup>th</sup> Avenue

San Diego, California 92101

**San Diego**

German

D:\N:\Port1b\N\Manage\CAROLYNR\240582\_1.DOC

Variable	Mean	SD	Min	Max	Median	Q1	Q3	Mode	Skewness	Kurtosis	Jarque-Bera	Prob > Chi2
Age	35.5	10.5	20	65	35	30	40	35	-0.1	3.2	0.00	0.99
Gender	0.5	0.5	0	1	0.5	0	1	0.5	0.0	0.0	0.00	0.99
Marital Status	0.7	0.5	0	1	0.7	0	1	0.7	0.0	0.0	0.00	0.99
Education	12.5	2.5	9	16	12	11	13	12	-0.2	1.5	0.00	0.99
Income	1500	500	500	3000	1200	800	1800	1500	-0.5	2.5	0.00	0.99
Health	0.8	0.4	0	1	0.8	0	1	0.8	0.0	0.0	0.00	0.99
Stress	4.5	1.5	1	7	4	3	5	4	-0.3	1.8	0.00	0.99
Depression	2.5	1.0	1	4	2	1	3	2	-0.4	2.0	0.00	0.99
Life Satisfaction	5.5	1.0	4	7	6	5	7	6	0.1	1.2	0.00	0.99
Work-Life Balance	3.5	1.0	2	5	3	2	4	3	-0.2	1.5	0.00	0.99
Family Support	4.0	1.0	3	5	4	3	5	4	0.0	1.0	0.00	0.99
Community Support	3.0	1.0	2	4	3	2	4	3	-0.1	1.2	0.00	0.99
Workload	6.0	1.0	5	7	6	5	7	6	-0.1	1.2	0.00	0.99
Job Satisfaction	4.0	1.0	3	5	4	3	5	4	0.0	1.0	0.00	0.99
Organizational Commitment	3.5	1.0	2	4	3	2	4	3	-0.1	1.2	0.00	0.99
Turnover Intent	2.0	1.0	1	3	2	1	3	2	-0.2	1.5	0.00	0.99
Work-Life Balance	3.5	1.0	2	5	3	2	4	3	-0.2	1.5	0.00	0.99
Family Support	4.0	1.0	3	5	4	3	5	4	0.0	1.0	0.00	0.99
Community Support	3.0	1.0	2	4	3	2	4	3	-0.1	1.2	0.00	0.99
Workload	6.0	1.0	5	7	6	5	7	6	-0.1	1.2	0.00	0.99
Job Satisfaction	4.0	1.0	3	5	4	3	5	4	0.0	1.0	0.00	0.99
Organizational Commitment	3.5	1.0	2	4	3	2	4	3	-0.1	1.2	0.00	0.99
Turnover Intent	2.0	1.0	1	3	2	1	3	2	-0.2	1.5	0.00	0.99